

|  |  |                               |  |   |  |
|--|--|-------------------------------|--|---|--|
| Form PTO-1449<br><br><b>INFORMATION DISCLOSURE CITATION<br/>IN AN APPLICATION</b><br>(Use several sheets if necessary) |  | ATTY DOCKET NO.<br>0080-0224P |  | APPLICATION NO.<br>NEW (Div. of<br>03/640,005) 10/617,695 |  |
| APPLICANT<br>MINAMI et al.   |  | FILING DATE<br>July 11, 2003  |  | GROUP<br>Unknown 1733                                     |  |

  

| U.S. PATENT DOCUMENTS |                 |      |            |                 |       |              |                               |
|-----------------------|-----------------|------|------------|-----------------|-------|--------------|-------------------------------|
| EXAMINER<br>INITIAL   | DOCUMENT NUMBER | Kind | DATE       | NAME            | CLASS | SUB<br>CLASS | FILING DATE<br>IF APPROPRIATE |
| AKS                   | US 2587428      |      | 02/26/1952 | Antonson        |       |              |                               |
|                       | US 3612138      |      | 10/12/1971 | Ravenhall       |       |              |                               |
|                       | US 4155394      |      | 05/22/1979 | Shepherd et al. |       |              |                               |
|                       | US 4941523      |      | 07/17/1990 | Galante et al.  |       |              |                               |
|                       | US 5007472      |      | 04/16/1991 | Kuze et al.     |       |              |                               |
|                       | US 5401789      |      | 03/28/1995 | Wolff et al.    |       |              | 6/3/92                        |
|                       | US 5405897      |      | 04/11/1995 | Segatta et al.  |       |              | 2/9/93                        |
|                       | US              |      |            |                 |       |              |                               |
|                       | US              |      |            |                 |       |              |                               |
|                       | US              |      |            |                 |       |              |                               |

  

| FOREIGN PATENT DOCUMENTS |        |                    |      |            |               |       |              |             |    |
|--------------------------|--------|--------------------|------|------------|---------------|-------|--------------|-------------|----|
|                          | Office | DOCUMENT<br>NUMBER | Kind | DATE       | COUNTRY       | CLASS | SUB<br>CLASS | TRANSLATION |    |
|                          |        |                    |      |            |               |       |              | YES         | NO |
| AKS                      |        | 1211735            |      | 03/17/1960 | France        |       |              |             |    |
|                          |        | 1118067            |      | 06/26/1968 | Great Britain |       |              |             |    |
|                          |        | 57087702           |      | 06/01/1982 | Japan         |       |              |             |    |
|                          |        | 57186502           |      | 11/17/1982 | Japan         |       |              |             |    |
| AKS                      |        | 62152907           |      | 07/07/1987 | Japan         |       |              |             |    |
|                          |        | 2225104            |      | 09/07/1990 | Japan         |       |              |             |    |
| AKS                      |        | 3148305            |      | 06/25/1991 | Japan         |       |              |             |    |
| AKS                      |        | 0475733            | A    | 03/18/1992 | EPO           |       |              |             |    |
| AKS                      |        | 490902             |      | 03/24/1992 | Japan         |       |              |             |    |

  

| OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. |  |
|---|--|
| AKS   | Patent Abstracts of Japan, Vol. 6, No. 178 (M-155), September 11, 1982 |
| 2   | JP-A-57-087702 (Bridgestone Corp.), June 1, 1982                       |
|   |  |

  

|                                     |                            |
|-------------------------------------|----------------------------|
| EXAMINER<br><i>Andrew C. Hunter</i> | DATE CONSIDERED<br>9/29/05 |
|-------------------------------------|----------------------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.S.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.